rfishbase: exploring, manipulating and visualizing FishBase data from R

# Abstract

This paper introduces a package that provides interactive and programmatic access to the FishBase repository.

##### keywords

R | vignette | fishbase

# Introduction

FishBase ([fishbase.org](http://fishbase.org/)) is an award-winning online database of information about the morphology, trophic ecology, physiology, ecotoxicology, reproduction and economic relevance of the world's fish, organized by species (Froese and Pauly 2012).

# Accessing FishBase data from R

In addition to its web-based interface, FishBase provides machine readable XML files for 30,622 of its species entries. The rfishbase package works by

updateCache(".")

loadCache(".")

Froese, R., and Daniel Pauly. 2012. “FishBase.” World Wide Web electronic publication.. www.fishbase.org.